



Query/Command : prt max legalall

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN -  US6366731 B1 20020402 [US6366731]
TI - (B1) Digital broadcast receiving/recording apparatus and method
PA - (B1) SAMSUNG ELECTRONICS CO LTD (KR)
PA0 - Samsung Electronics Company, Ltd., Kyungki-do [KR]
IN - (B1) KIM JEONG-TAE (KR); NA IL-JU (KR)
AP - US94153997 19970930 [1997US-0941539]
PR - KR9713587 19970414 [1997KR-0013587]
IC - (B1) H04N-005/91
EC - H04N-009/804B
ICO - T04L-012/64B21A
 T04L-012/64B21C
 T04L-012/64B21J
PCL - ORIGINAL (O) : 386083000; CROSS-REFERENCE (X) : 348726000
 386046000
DT - Corresponding document
CT - US4808992; US5488427; US5535208; US5657414; US5710773; US5838876;
 US5899578; US5909257; US5933430; US5945631; EP0658048; EP0703713;
 JP7-327032; JP8-32644; JP9-233428
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - A multi-media system for transferring a single program transport stream and a
 method therefor are provided. A receiver is for receiving a transport stream. For
 the receiver to control recording and reproduction performed by a
 recording/reproducing device, the receiver selects one program to constitute a
 single program transport stream and transfers the single program transport stream
 to the recording/reproducing device. Here, a program number is transferred, by
 correcting program association table (PAT) information of the transport stream.
 Accordingly, the recording/reproducing device can recognize the program
 number within the single program transport stream to be recorded. Therefore, the
 receiver can perform remote control of the recording/reproducing device without
 the extra transfer of the program number. Also, the receiver provides an on-
 screen graphic (OSG) to the recording/reproducing device, resulting in an OSG
 of consistent appearance.
UP - 2002-15

1/1 LGST - ©EPO

PN -  US6366731 B1 20020402 [US6366731]
AP - US94153997 19970930 [1997US-0941539]
ACT - 20040420 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20040122
UP - 2004-18

1/1 CRXX-©CLAIMS/RRX

PN -  6,366,731 A 20020402 [US6366731]

PA - Samsung Electronics Co Ltd KR

ACT - 20040122 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040420

REISSUE REQUEST NUMBER: 10/762189

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2615

Reissue Patent Number:

Search statement 2

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6366731

<=1> Get Drawing Sheet 1 of 4

April 2, 2002

Digital broadcast receiving/recording apparatus and method

REISSUE: January 22, 2004 - Reissue Application filed Ex. Gp.: 2615; Re. S.N.
10/762,189 (O.G. April 20, 2004)

APPL-NO: 941539 (08)

FILED-DATE: September 30, 1997

GRANTED-DATE: April 2, 2002

CORE TERMS: mpeg2-ts, stream, transport, transferred, layer, packet, recording,
header, digital, input ...

LEXIS-NEXIS
Library: PATENT
File: ALL

6,366,731 OR 6366731

LEXIS-NEXIS
Library: PATENT
File: CASES

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LEXIS-NEXIS
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1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6366731

Link to Claims Section

April 2, 2002

Digital broadcast receiving/recording apparatus and method

REISSUE: January 22, 2004 - Reissue Application filed Ex. Gp.: 2615; Re. S.N. 10/762,189 (O.G. April 20, 2004)

INVENTOR: Na, Il-Ju - Suwon, Korea, South (KR); Kim, Jeong-Tae - Suwon, Korea, South (KR)

APPL-NO: 941539 (08)

FILED-DATE: September 30, 1997

GRANTED-DATE: April 2, 2002

ASSIGNEE-PRE-ISSUE: March 11, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., SAMSUNG ELECTRONICS CO., LTD. 416, MAETAN-DONG, PALDAL-DUSUWON-CITY, KYUNGKI-DO, (1), Reel and Frame Number: 009057/0631

ASSIGNEE-AT-ISSUE: Samsung Electronics Co., Ltd., Kyungki-do, Korea, South (KR), Foreign company or corporation (03)

ENGLISH-ABST:

A multi-media system for transferring a single program transport stream and a method therefor are provided. A receiver is for receiving a transport stream. For the receiver to control recording and reproduction performed by a recording/reproducing device, the receiver selects one program to constitute a single program transport stream and transfers the single program transport stream to the recording/reproducing device. Here, a program number is transferred, by correcting program association table (PAT) information of the transport stream. Accordingly, the recording/reproducing device can recognize the program number within the single program transport stream to be recorded. Therefore, the receiver can perform remote control of the recording/reproducing device without the extra transfer of the program number. Also, the receiver provides an on-screen graphic (OSG) to the recording/reproducing device, resulting in an OSG of consistent appearance.

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Search statement 1

Query/Command : us6366731/pn

** SS 1: Results 1

Search statement 2

Query/Command : prt full nonstop legalall

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IC - (B1) H04N-005/91
ICAA- G08C-019/00 [2006-01 A F I R M JP]; G11B-020/10 [2006-01 A L I R M JP]; H04N-009/804 [2006-01 A - I R M EP]; H04Q-009/00 [2006-01 A L I R M JP]
H04L-012/64 [2006-01 A - N R M EP]; H04N-005/775 [2006-01 A - N R M EP]
ICCA- G08C-019/00 [2006 C F I R M JP]; G11B-020/10 [2006 C L I R M JP]; H04N-009/804 [2006 C - I R M EP]; H04Q-009/00 [2006 C L I R M JP]
H04L-012/64 [2006 C - N R M EP]; H04N-005/775 [2006 C - N R M EP]
EC - H04L-012/40F1
H04L-012/40F3
H04L-012/40F10
H04N-009/804B
ICO - T04N-005/775
PCL - ORIGINAL (O) : 386083000; CROSS-REFERENCE (X) : 348726000
386046000 386E09013
DT - Corresponding document
CT - Cited in the search report
-US4808992(A) [US4808992]
-US5488427(A) [US5488427]
-US5535208(A) [US5535208]
-US5657414(A) [US5657414]
-US5710773(A) [US5710773]
-US5838876(A) [US5838876]
-US5899578(A) [US5899578]
-US5909257(A) [US5909257]
-US5933430(A) [US5933430]
-US5945631(A) [US5945631]
Cited by the applicant
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-EP0703713(A2) [EP-703713]
-EP0703713(A2) [EP-703713]
-JP7327032(A) [JP07327032]
-JP8032644(A) [JP08032644]
-JP9233428(A) [JP09233428]
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Search statement 2